A 14301

Detailed Estimate

BRUHAT BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work: Repairs to Chain link Fencing and SSM Wall at Shooting Building Road in Mallasandra ward No. 13

JOB NUMBER.:

SI-13 Est. Amount = 25.00 Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRB 2.2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (I.tm No.2.4, P.No.5, SR:2016-17)								
	Chain link Fencing								
	New Fencing	Cum	1	100.00	1.00	1.00	100.00		
						Total Qty	100.00	405.64	40564.00
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17)								
	Chain link Fencing								
	New Fencing	Cum	1	100.00	1.00	0.15	15.00		
						Total Qty	15.00	5449.68	81745.20
3	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17)								
	Chain link Fencing								
	50% of Total Earth Excavation	Cum					50.00		
						Total Qty	50.00	137.16	6858.00
4	KSRB 5.4-3: Providing and constructing granite I trap I basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of aterials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 (Page No. 23, It No. 5.13 of KPWD S.R 2016-17)								
	Chain link Fencing								
	New Fencing	Cum	1	100.00	0.80	0.40	32.00		
			1	100.00	0.60	0.40	24.00		
						Total Qty	56.00	6019.92	337115.52
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No. 23, It No. 5.9 of KPWD S.R 2016-17)								
	Chain link Fencing								
	New Fencing	Cum	1	100.00	0.45	1.00	45.00		
	Damaged Portion		1	373.00	0.45	0.60	100.71		
						Total Qty	145.71	5405.40	787620.83

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Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
Providing and laying in position plain cement concrete of mix M20 with OPC cement 40 grade, well graded granite metal coarse aggregates (gth 6mm and fine aggregates (natural sand) confirming to IS:383-1970 Reaffirmed 2002, including all leads, lifts, curing, shuttering, vibrating, finishing in plinth, in foundation, footings, bases of columns, etc. including cost of all materials, labour, hire of machinery, curing complete as per specification No. KBS 4 (Page No. 74, II No. 4.5 of KPWD S.R 2016-17)								
Chain link Fencing								
New Fencing	Cum	34	0.45	0.40	0.40	2.45		
Damaged Portion Fencing		34	0.45	0.40	0.40	2.45		
Levelling		1	500.00	0.45	0.10	22.50		
Lead 5 Cum					Total Qty	27.40	5986.58	164076.92
Providing and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in C.C (1:2:4) WITH 2 NOS. 16mm dia M.S. hold fast rods each of length 25 cms. including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welds with all lead lifts and as per the directions of the Engineer in - charge of the work and including 2 coats of approved quality paint over one coat of shop painting (excluding cost of concrete and Concrete) (Page No. 262, II No. 37.3 of KPWD S.R 2016-17)								
Chain link Fencing								
New Fencing	M	34	3.00			102.00		
Damaged Portion Fencing		34	3.00			102.00		
					Total Qty	204.00	884.62	180442.08
Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bolts, cutting the pipe, and fixing pipe in between / the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint specification. No. KBS 37.4 PWD (Page No. 262, II No. 37.4 of KPWD S.R 2016-17)								
Chain link Fencing								
New Fencing	M	3	100.00			300.00		
Damaged Portion Fencing		3	100.00			300.00		
					Total Qty	600.00	349.92	209952.00
Providing chain link fencing 38mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer in charge of work including two coats of approved quality paint over one coat of shop paint specification. No. KBS 37.3(Page No. 262, II No. 37.3 of KPWD S.R 2016-17)								
Chain link Fencing								
New Fencing	Sqm	1	100.00		2.50	250.00		
Damaged Portion Fencing		1	100.00		2.50	250.00		
					Total Qty	500.00	711.72	355860.00
10								
SSR 15.18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page No. 121, II No. 15.73 of KPWD S.R 2016-17)								
Chain link Fencing	Sqm	1	500.00		2.50	1250.00		
					Total Qty	1250.00	31.32	39,150.00

Bruhat Bangalore Mahanagara Palike

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Providing Link Fencing and SSM Wall at Shooting Building Road in Mallasandra ward No. 13

Detailed Estimate

Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
4.5RB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 121, It No. 15.74 of KPWD S.R 2016-17)								
Chain link Fencing	Sqm	1	500.00		2.50	1250.00		
					Total Qty	1250.00	88.56	
							Total Constrution cost	110700.00
							Design Report,Proof Checking & PMC Amount	23,13,982.56
							Tender Premium 6%	46,279.65
							Sub Total	1,38,838.95
							Miscellaneous & Rounding Off	24,99,101.16
							Grand Total	898.84
								25,00,000.00

Certificate:-
1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS * BANGALORE-90 *

Consultants
For Sri Sai Consultants

Assistant Engineer
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ನಂ: 34/17-18 ದಿನಾಂಕ: 15/12/2017
ರೂ: 25,00,000/- Twenty five Lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ

ನಂ. CE/TS/366/17-18 ದಿನಾಂಕ : 16/12/2017
ರೂ. Rs. 25.00 Lakhs only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂ...

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ

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